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PUBLICATIONS OF THE BUREAU OF ANIMAL INDUSTRY.

NOTE.—Application for publications in this list should be made to the Editor and Chief of the Division of Publications, United States Department of Agriculture, Washington, D. C. The editions of some of the publications are necessarily limited, and when the supply is exhausted and no funds are available for procuring additional copies, applicants are referred to the Superintendent of Documents, Government Printing Office, who has them for sale at a nominal price, under the law of January 12, 1895. Applicants are urgently requested to ask only for those publications in which they are particularly interested. The department can not undertake to supply complete sets, nor is it allowable to send more than one copy of any publication to an applicant.

REPORTS.

[In applying for these publications, the name of the bureau as well as the full title or number of the publication should be given.]

ANNUAL REPORTS OF THE BUREAU.

(These reports are volumes of several hundred pages, with illustrations, and contain special articles and miscellaneous information.)

Twenty-fourth Annual Report, for the Year 1907.
Twenty-fifth Annual Report, for the Year 1908.
Twenty-sixth Annual Report, for the Year 1909.

REPORTS OF THE CHIEF.

These are administrative reports in pamphlet form and are included in the Bureau Annual Reports. They can be supplied for the following fiscal years: 1889, 1890, 1891, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1905, 1906, 1908, 1909, 1910.

LIVE STOCK—BREEDING, FEEDING, ETC.

CATTLE.

Bul. 34. American Breeds of Beef Cattle, with Remarks on Pedigrees.
Bul. 91. Feeding Prickly Pear to Stock in Texas.
Bul. 106. Experiments on the Digestibility of Prickly Pear by Cattle.
Circ. 37. Preliminary Report on Argentina as a Market for Purebred Cattle from the United States.
Circ. 105. Baby Beef.
F. B. 55. The Dairy Herd: Its Formation and Management.
F. B. 106. Breeds of Dairy Cattle.
F. B. 350. The Dehorning of Cattle.
Breeds of Dairy Cattle. (Reprint from Fifteenth Annual Report.)

HORSES.

Circ. 113. Classification for American Carriage Horses.
Circ. 124. Suggestions for Horse and Mule Raising in the South.
Circ. 137. The Preservation of Our Native Types of Horses.

Circ. 163. The Regeneration of the Morgan Horse.
F. B. 179. Horseshoeing.
Government Encouragement of Imported Breeds of Horses. (Reprint from Twenty-second Annual Report.)

HOGS.

Circ. 63. A Review of Some Experimental Work in Pig Feeding.
F. B. 205. Pig Management.
F. B. 411. Feeding Hogs in the South.
F. B. 438. Hog Houses.
The Danish Hog Industry. (Reprint from Twenty-third Annual Report.)

SHEEP AND GOATS.

Bul. 27. (Revised.) Information Concerning the Angora Goat.
F. B. 96. Raising Sheep for Mutton.
F. B. 137. The Angora Goat.
Special Report on the History and Present Condition of the Sheep Industry in the United States (1892).

MISCELLANEOUS.

Bul. 48. The Animal Industry of Argentina.
Bul. 61. The Score Card in Stock Judging at Agricultural Colleges.
Bul. 74. Energy Values of Red Clover Hay and Maize Meal. (Experiments with the Respiration Calorimeter.)
Bul. 76. The Score Card in Stock Breeding.
Bul. 77. Cattle, Sheep, and Hog Feeding in Europe.
Bul. 108. Feeding for Meat Production.
F. B. 346. The Computation of Rations for Farm Animals by the Use of Energy Values.
Notes on the Animal Industry of Porto Rico. (Reprint from Sixteenth Annual Report.)
A Note on Zebra Hybrid Breeding.

DISEASES OF ANIMALS.

CATTLE.

(See also Tuberculosis.)

Bul. 97. Proceedings of a Conference of Federal and State Representatives to Consider Plans for the Eradication of the Cattle Tick, held at Nashville, Tenn., December 5 and 6, 1906.
Circ. 23. Directions for the Use of Blackleg Vaccine.
Circ. 31. Blackleg: Its Nature, Cause, and Prevention.
Circ. 65. Ophthalmia in Cattle.
Circ. 66. Osteomalacia, or Creeps, in Cattle.
Circ. 67. Abortion, or Slinking the Calf.
Circ. 68. Diseases of the Stomach and Bowels of Cattle.
Circ. 69. Texas Fever, or Southern Cattle Fever.
Circ. 96. Actinomycosis, or Lumpy Jaw.
Circ. 97. How to Get Rid of Cattle Ticks.
Circ. 110. Methods of Eradicating Cattle Ticks.
Circ. 118. The Unsuspected but Dangerously Tuberculous Cow.
Circ. 127. Tubercle Bacilli in Butter: Their Occurrence, Vitality, and Significance.
Circ. 148. A Practical Demonstration of a Method for Controlling the Cattle Tick.
Circ. 156. Chronic Bacterial Dysentery of Cattle.

F. B. 152. Scabies in Cattle.
F. B. 206. Milk Fever: Its Simple and Successful Treatment.
F. B. 258. Texas or Tick Fever and Its Prevention.
F. B. 378. Methods of Exterminating the Texas Fever Tick.
Experiments with Texas Fever and Southern Cattle Ticks. (Reprint from Sixteenth Annual Report.)
Notes on the Cattle Tick and Texas Fever, and the Persistence of Texas Fever in the Blood of Southern Cattle. (Reprint from Twenty-second Annual Report.)

HORSES.

Special Report on Diseases of Horses.
Circ. 78. Glanders and Farcy.
Circ. 121. Osteoporosis or Bighead of the Horse.
Circ. 122. Epizootic Cerebro-Spinal Meningitis of Horses.
Circ. 138. Infectious Anemia or Swamp Fever of Horses.
Circ. 155. Mycotic Lymphangitis of Horses.

HOGS.

Report of the United States Board of Inqui y Concerning Epizootic Disease Among Swine (1889).
Bul. 88. The Tuberculin Test of Hogs and Some Methods of Their Infection with Tuberculosis.
Bul. 102. Further Experiments Concerning the Production of Immunity from Hog Cholera.
Bul. 113. Filtration Experiments with *Bacillus choleræ suis.*
Circ. 108. Trichinosis: A Danger in the Use of Raw Pork for Food.
Circ. 27. Office of the Secretary. Tests of Bruschettini's Hog Cholera Vaccine and Bruschettini's Hog Cholera and Swine Plague Serum.
F. B. 379. Hog Cholera.
Embryonal Adenosarcoma of the Kidney in Swine. (Reprint from Twenty-fourth Annual Report.)
Ybk. Sep. 484. Recent Work of the Bureau of Animal Industry Concerning the Cause and Prevention of Hog Cholera.

SHEEP AND GOATS.

Bul. 45. Takosis, a Contagious Disease of Goats.
Bul. 66. The Gid Parasite: Its Presence in American Sheep.
Circ. 94. Foot Rot of Sheep.
Circ. 102. Stomach Worms (*Hæmonchus contortus*) in Sheep.
Circ. 157. The Prevention of Losses Among Sheep from Stomach Worms.
Circ. 159. Some Important Facts in the Life History of the Gid Parasite and Their Bearing on the Prevention of Disease.
Circ. 160. Lip-and-Leg Ulceration of Sheep.
Circ. 165. Methods for the Eradication of Gid.
F. B. 159. Scab in Sheep.

TUBERCULOSIS.

Bul. 32. The Tuberculin Test of Imported Cattle.
Bul. 33. Relation of Bovine Tuberculosis to the Public Health.
Bul. 38. Tuberculosis of the Food-Producing Animals.
Bul. 52. Experiments Concerning Tuberculosis.
Same, Part I. The Virulence of Human and Bovine Tubercle Bacilli for Guinea Pigs and Rabbits.

Bul. 52, Part II. The Comparative Virulence of Human and Bovine Tubercle for Some Large Animals.
Same, Part III. Studies in Immunity from Tuberculosis, and the Persistence of Tubercle Bacilli in Tissues of Animals after Injection.
Bul. 88. The Tuberculin Test of Hogs and Some Methods of their Infection with Tuberculosis.
Bul. 93. The Relation of Tuberculous Lesions to the Mode of Infection.
Bul. 116. Tests Concerning Tubercle Bacilli in the Circulating Blood.
Circ. 70. Tuberculosis of Cattle.
Circ. 118. The Unsuspected but Dangerously Tuberculous Cow.
Circ. 127. Tubercle Bacilli in Butter: Their Occurrence, Vitality, and Significance.
Circ. 143. Milk and Its Products as Carriers of Tuberculosis Infection.
Circ. 144. Tuberculosis of Hogs: Its Cause and Suppression.
F. B. 351. The Tuberculin Test of Cattle for Tuberculosis.
The Susceptibility of Tubercle Bacilli to Modification. (Reprint from Twenty-third Annual Report.)
Ybk. Sep. 131. The Preparation and Use of Tuberculin.
Ybk. Sep. 476. Some Facts about Tuberculous Cattle.
Ybk. Sep. 508. Tuberculosis of Hogs: How to Control It.

MISCELLANEOUS.

Bul. 121. The Need of Controlling and Standardizing the Manufacture of Veterinary Tetanus Antitoxin.
Circ. 71. Anthrax in Cattle, Horses, and Men.
Circ. 89. The Preparation of Emulsions of Crude Petroleum.
Circ. 91. Bacillus Necrophorus and Its Economic Importance.
Circ. 120. Some Observations on Rabies.
Circ. 129. Rabies and Its Increasing Prevalence.
Circ. 141. Foot-and-Mouth Disease.
Circ. 147. The Origin of the Recent Outbreak of Foot-and-Mouth Disease in the United States.
F. B. 380. The Loco-weed Disease.
Verminous Diseases of Cattle, Sheep, and Goats in Texas. (Reprint from Seventeenth Annual Report.)

ANIMAL PARASITES.

Bul. 39. Index-Catalogue of Medical and Veterinary Zoology. Parts 2 to 32. Authors: B to Vigner.
Bul. 66. The Gid Parasite (*Cœnurus cerebralis*): Its Presence in American Sheep.
Bul. 80. The Synonymy of *Tænia*, *T. crassicollis*, *T. marginata*, *T. serrata*, *T. cœnurus*, *T. serialis*, and *Echinococcus*.
Bul. 119. Studies on Blood and Blood Parasites. I. Observations on Mammalian Blood with Dark Field Illumination. II. The Priority of *Cryptobia* Leidy, 1846, over *Trypanoplasma* Laveran and Mesnil, 1901. III. *Trypanosoma americanum* n. sp., a Trypanosome Which Appears in Cultures Made from the Blood of American Cattle.
Bul. 125. The Gid Parasite and Allied Species of the Cestode Genus *Multiceps*. I. Historical Review.
Circ. 14. Check List of the Animal Parasites of Geese.
Circ 15. Check List of the Animal Parasites of Pigeons.
Circ. 85. The Tapeworms of American Chickens and Turkeys.
Circ. 102. Stomach Worms (*Hæmonchus contortus*) in Sheep.

Circ. 159. Some Important Facts in the Life History of the Gid Parasite and Their Bearing on the Prevention of Disease.
Circ. 165. Methods for the Eradication of Gid.
Our Present Knowledge of the Kidneyworm of Swine. (Reprint from Sixteenth Annual Report.)
Frogs, Toads, and Carp as Eradicators of Fluke Disease. (Reprint from Eighteenth Annual Report.

(See also the following publications under "Diseases of Animals," Bulletin 97; Circulars 69, 97, 110, 157; Farmers' Bulletins 152, 159; and reprints from Annual Reports.)

THE DAIRY INDUSTRY.

Bul. 11. Statistics of the Dairy, Compiled from the United States Census and Other Reliable Sources. (1896.)
Bul. 14. Dairying in California.
Bul. 17. Dairy Schools.
Bul. 18. The Dairy Industry in Missouri and Kansas.
Bul. 24. Notes Upon Dairying in California and the Export of California Butter to the Orient.
Bul. 26. National and State Dairy Laws.
Cir. 131. Designs for Dairy Buildings.
Cir. 136. How to Build a Stave Silo.
Cir. 139. The Score-Card System of Dairy Inspection.
Cir. 153. The Dissemination of Disease by Dairy Products and Methods of Prevention.
Cir. 162. Officials, Organizations, and Educational Institutions Connected with the Dairy Interests. (1910.)
F. B. 55. The Dairy Herd: Its Formation and Management.
F. B. 106. Breeds of Dairy Cattle.
F. B. 349. The Dairy Industry in the South.
The Dairy Interests and Dairy Markets of Porto Rico, with Notes on St. Thomas and Cuba. (Reprint from Eighteenth Annual Report.)
Ybk. Sep. 94. Utilization of By-Products of the Dairy.
Ybk. Sep. 260. Dairying at Home and Abroad.
Ybk. Sep. 432. Opportunities for Dairying.

MILK AND CREAM.

Bul. 20. The Milk Supply of Boston and other New England Cities.
Bul. 46. The Milk Supply of Two Hundred Cities and Towns.
Bul. 58. The Fat Testing of Cream by the Babcock Method.
Bul. 59. The Farm Separator: Its Relation to the Creamery and the Creamery Patron.
Bul. 70. The Milk Supply of Twenty-nine Southern Cities.
Bul. 75. Records of Dairy Cows in the United States.
Bul. 81. The Milk Supply of Boston, New York, and Philadelphia.
Bul. 92. The Milking Machine as a Factor in Dairying.
Bul. 111. A Chemical and Physical Study of the Large and Small Fat Globules in Milk.
Bul. 117. Leucocytes in Milk: Methods of Determination and the Effect of Heat Upon Their Number.
Bul. 126. The Bacteriology of Commercially Pasteurized and Raw Market Milk.
Circ. 103. Records of Dairy Cows: Their Value and Importance in Economic Milk Production.
Circ. 111. Sanitary Relations of the Milk Supply.

Circ. 114. Sanitary Milk Production.
Circ. 142. Some Important Factors in the Production of Sanitary Milk.
Circ. 143. Milk and its Products as Carriers of Tuberculosis Infection.
Circ. 152. Directions for the Home Pasteurization of Milk.
Circ. 158. Improved Methods for the Production of Market Milk by Ordinary Dairies.
F. B. 201. The Cream Separator on Western Farms.
F. B. 348. Bacteria in Milk.
A Report Upon the Examination of Milk. (Reprint from Sixteenth Annual Report.)
Market Milk: A Plan for Its Improvement. (Reprint from Seventeenth Annual Report.)
The Effect of Certain Diseases and Conditions of Cattle upon the Milk Supply. (Reprint from Twenty-fourth Annual Report.)

BUTTER.

Bul. 57. Studies Upon the Keeping Quality of Butter.—I. Canned Butter.
Bul. 84. Investigations in the Manufacture and Storage of Butter.—I. The Keeping Quality of Butter Made Under Different Conditions and Stored at Different Temperatures.
Bul. 114. The Influence of Acidity of Cream on the Flavor of Butter.
Circ. 56. Facts Concerning the History, Commerce, and Manufacture of Butter.
Circ. 126. A Simple Method of Keeping Creamery Records.
Circ. 127. Tubercle Bacilli in Butter: Their Occurrence, Vitality, and Significance.
Circ. 130. Paraffining Butter Tubs.
Circ. 146. Fishy Flavor in Butter.
Circ. 161. Whey Butter.
F. B. 241. Butter Making on the Farm.
Experimental Exports of Butter, 1897. (Reprint from Fifteenth Annual Report.)
Report Upon Experimental Exports of Butter, 1898–99. (Reprint from Sixteenth Annual Report.)

CHEESE.

Bul. 15. The Cheese Industry of the State of New York.
Bul. 49. The Cold Curing of Cheese.
Bul. 62. The Relation of Bacteria to the Flavors of Cheddar Cheese.
Bul. 71. The Camembert Type of Soft Cheese in the United States.
Bul. 82. Fungi in Cheese Ripening: Camembert and Roquefort.
Bul. 83. The Cold Storage of Cheese. (Experiments in 1903–4.)
Bul. 85. Investigations in the Manufacture and Curing of Cheese.—VI. The Cold Curing of American Cheese.
Bul. 98. Investigations in the Manufacture and Curing of Cheese.—VII. Directions for Making the Camembert Type of Cheese.
Bul. 105. Varieties of Cheese: Descriptions and Analyses.
Bul. 109. Proteolytic Changes in the Ripening of Camembert Cheese.
Bul. 115. Camembert Cheese Problems in the United States.
Bul. 120. The Intracellular Enzyms of Penicillium and Aspergillus, with Special Reference to Those of *Penicillium camemberti*.
Bul. 122. Factors Controlling the Moisture Content of Cheese Curds.
Bul. 123. The Influence of Lactic Acid on the Quality of Cheese of the Cheddar Type.
Circ. 145. The Care and Testing of Camembert Cheese. (Reprint from Twenty-fourth Annual Report.)
F. B. 166. Cheese Making on the Farm.
Soft Cheese Studies in Europe. (Reprint from Twenty-second Annual Report.)

POULTRY AND EGGS.

Bul. 65. Poultry and Egg Industry of Leading European Countries.
Circ. 107. Capons and Caponizing.
Circ. 119. Notes on Experiments with Blackhead of Turkeys.
Circ. 128. White Diarrhea of Chicks. With Notes on Coccidiosis of Birds.
Circ. 140. The Egg Trade of the United States.
F. B. 51. Standard Varieties of Chickens.
F. B. 64. Ducks and Geese: Standard Breeds and Management.
F. B. 177. Squab Raising.
F. B. 200. Turkeys: Standard Varieties and Management.
F. B. 236. Incubation and Incubators.
F. B. 287. Poultry Management.
F. B. 357. Methods of Poultry Management at the Maine Agricultural Experiment Station.
Distribution and Magnitude of the Poultry and Egg Industry. (Reprint from Nineteenth Annual Report.)

MEAT INSPECTION, MEAT PRODUCTS, ETC.

Bul. 50. German Meat Regulations. (With original text.)
Bul. 132. A Bacteriological Study of Ham Souring.
Circ. 108. Trichinosis: A Danger in the Use of Raw Pork for Food.
Circ. 125. The Federal Meat Inspection Service.
Circ. 154. The Need of State and Municipal Meat Inspection to Supplement Federal Inspection.
Circ 173. The Sanitary Construction and Equipment of Abattoirs and Packing Houses.
F. B. 183. Meat on the Farm: Butchering, Curing, and Keeping.
Order 150. Regulations Governing the Meat Inspection of the United States Department of Agriculture.
Amendments 1 and 2 to same.
Instructions Concerning Trade Labels Under the Meat-Inspection Law and Regulations.
Report on the Beef Supply of the United States, and the Export Trade in Animals and Meat Products. (1890.)
A Study of Methods of Canning Meats, with Reference to the Proper Disposal of Defective Cans. (Reprint from Twenty-fourth Annual Report.)
Report of a Commission on Certain Features of the Federal Meat-Inspection Regulations. (Reprint from Twenty-fourth Annual Report.)

MISCELLANEOUS.

Bul. 22. Proceedings of the Second Annual Meeting of the Association of Experiment Station Veterinarians, held at Omaha, Nebr., September 8, 1898.
Bul. 94. Investigations in the Use of the Bomb Calorimeter.
Bul. 107. The Analysis of Coal-Tar Creosote and Cresylic Acid Sheep Dips.
Bul. 124. Methods and Standards in Bomb Calorimetry.
Circ. 17. Exports of Animals and Their Products.
Circ. 133. Report and Recommendations Regarding Veterinary Colleges in the United States.
Circ. 149. A Cold-Storage Evaporimeter.
Circ. 150. Regulations Governing Entrance to the Veterinary Inspector Examination.
F. B. 345. Some Common Disinfectants.
Preliminary Catalogue of Plants Poisonous to Stock. (Reprint from Fifteenth Annual Report.)

Ybk. Sep. 130. Cattle Dipping: Experimental and Practical.
Report Upon an Examination of Wools and Other Animal Fibers (1886).
Proceedings of an Interstate Convention of Cattlemen Held at Fort Worth, Tex., March 11–13, 1890.

REGULATIONS.

(The following are the more important regulations in force at the time this circular was compiled. They are subject to change and persons requesting any here listed will be supplied with the current regulations.)

Order 61. Exportation of Cattle and Sheep in Vessels Carrying Hides from Foreign Countries.
Order 91. Rules and Regulations for the Inspection and Marking of Dairy Products for Export.
Order 92. Special Order Prohibiting the Landing of Animals from the Philippine Islands at any of the Ports of the United States or of the Dependencies thereof.
Order 97. Extracts from Existing Laws Prescribed for the Inspection and Certification of Renovated Butter and Other Dairy Products for Export.
Order 129. Regulations Concerning the Importation of Hay and Straw from Continental Europe.
Amendment 3 to same.
Order 139. Regulations Governing the Inspection, Humane Handling, and Safe Transport of Animals Carried by Ocean Steamers from the United States to Foreign Countries.
Order 142. Regulations for the Inspection and Quarantine of Horses, Cattle, Sheep, and Other Ruminants and Swine Imported into the United States.
Amendments 1, 2, 5, 6, 7, 8, 9, 10 to same.
Order 143. Regulations Governing the Inspection, etc., of Live Stock Which is the Subject of Interstate Commerce.
Amendments 1 and 4 to same.
Order 146. To Prevent the Spread of Scabies in Sheep.
Amendments 1, 2, 3, 4, 5, 7 to same.
Order 147. Regulations Prescribed in Regard to Renovated Butter in Accordance with the Act of Congress Approved May 9, 1902.
Amendment 1 to same.
Order 150. Regulations Governing the Meat Inspection.
Amendment 2 to same.
Order 167. To Prevent the Spread of Scabies in Cattle.
Amendment 1 to same.
Order 168. To Prevent the Spread of Splenetic Fever in Cattle.
Order 169. To Prevent the Spread of Lip-and-Leg Ulceration.
Amendment 1 to same.
Order 174. Special Order Prohibiting the Landing of Horses, etc., from any of the Countries of Asia and Africa at any of the Ports of the United States, the Territories, or Dependencies thereof.
Order 175. Regulations Governing the Certification of Recognized Breeds and Purebred Animals.
Amendment 1 to same.
Order 176. Order Providing for the Inspection and Quarantine of Collie, Shepherd, or Sheep Dogs Imported into the United States, or the Territories thereof, from any Country of the World Except North America.
Notice Regarding the Interstate Movement of Cattle and Swine Which are Affected with Tuberculosis.
Notice Regarding Interstate Movement of Horses, Mules, and Asses Affected with Glanders.